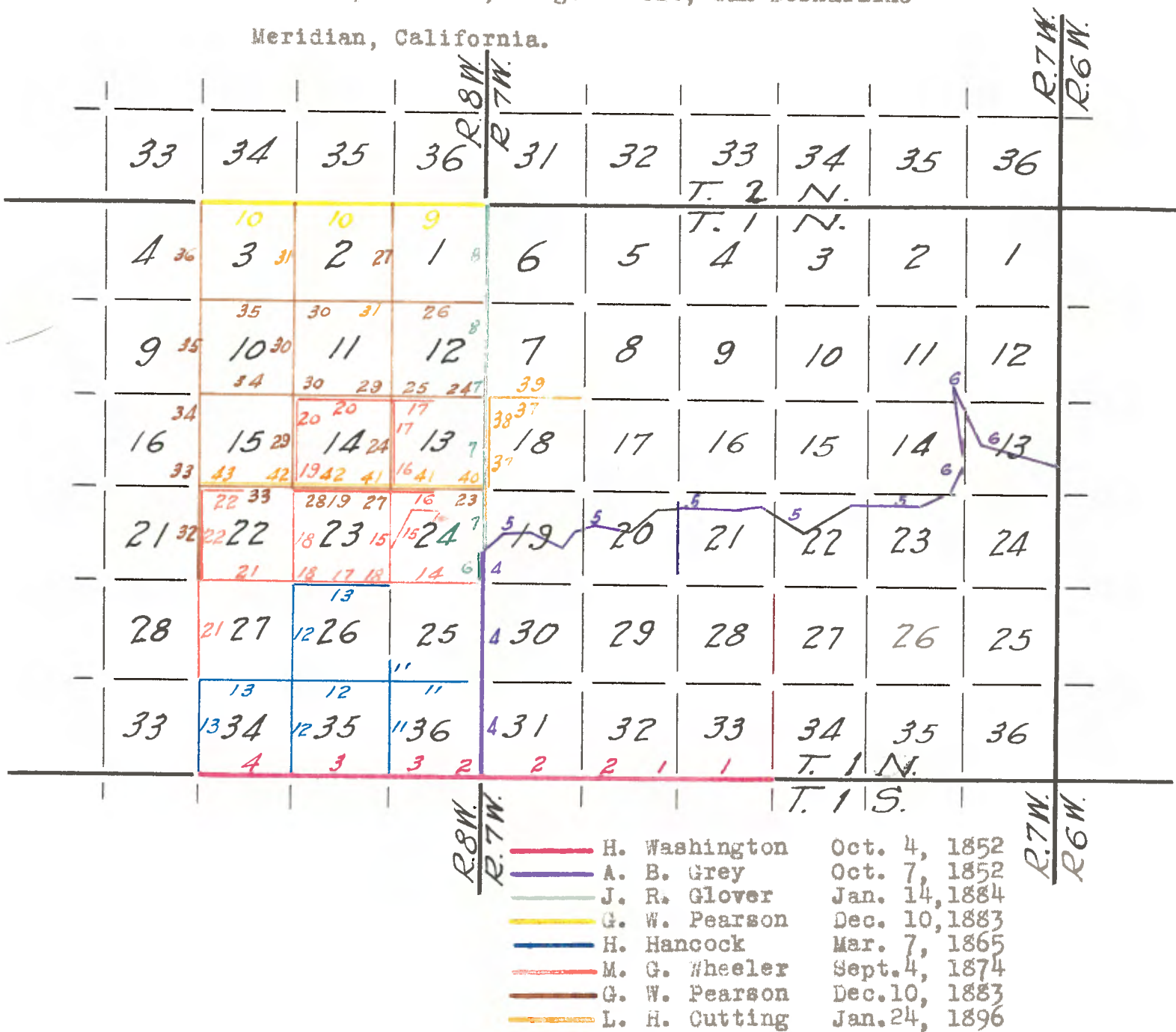


Uncertified U S Gov't Field Notes received
from the U S Surveyor General, San Francisco,
California.

Field Notes of the East Half
Township 1 North, Range 8 West, San Bernardino
Meridian, California.



San Ber. Base Line, S.E.M., T. 1 N., R. 7 W.

West 3d. mile on S.E. of T. 1 N., R. 7 W.

x x x x x x

- 80.00 Charred pine stake and charred pine post in a mound of earth cor. to Secs. 33 & 34, T. 1 N., R. 7 W.
Secs. 3 & 4 T. 1 S., R. 7 W., from which the center of 4 pits bears N. 45° E. 11 lks., N. 45° W. 11 lks., S. 45° E. 11 lks., S. 45° W. 11 lks. Planted 4 olives.
x x x x

West 4th. Mile on S. boundary of T. 1 N., R. 7 W.

- 40.00 Charred pine stake and charred pine $\frac{1}{4}$ sec. post in a mound of earth, from which the center of 4 pits brs. North 10 lks., South 10 lks., East 10 lks., West 10 links planted 4 olive seed.
- 56.50 To wavy 3d scrub and stone
- 80.00 Set a charred pine stake and charred pine post in a mound of stone corner to Secs. 32 & 33 T. 1 N. R. 7 W.
Secs. 4 & 5 T. 1 S., R. 7 W., the mound 4 ft. square at the base and 3 ft. high. Earth too rocky for pits
Planted 4 olives.
- First 56.50 chs. chiefly wavy, open 2nd rate prairie
Last 23.50 chs. poor wavy, rocky scrub.
- 11th December 1852. No timber.

West 5th mile on South boundary of T. 1 N., R. 7 W.

- 40.00 Set charred oak stake and charred pine $\frac{1}{4}$ sec. post in a mound of earth, from which the center of 4 pits bears North 10 lks., South 10 lks., East 10 lks., West 10 lks., Planted 4 olives.
- NOTE: At the last post a Spanish Rancho said to be owned by Proudhome and generally called his rancho bears S. 45° E.
- 69.50 To dry ravine course SW. and up it
- 71.50 Cross ravine on R. bank

74.00 Leave scrub to open Prairie N. & S.

80.00 Charred pine stake and charred pine post cor. to Secs. 31 & 32, T. 1 N., R. 7 W. Secs. 5 & 6, T. 1 S., R. 7 W. from which the center of 4 pits bear N. 45° E. 11 lks., S. 45° W. 11 lks., N. 45° W., 11 lks.; and S. 45° E. 11 lks. Planted 4 olive seed.

NOTE: at the last corner Prounhomme's Rancho bears S. 56° 45' East.

First 74 chs. rocky, wavy, poor scrub.

No timber, residue wavy 2nd rate open prairie.

West 6th Mile on S.E. of T. 1 N., R. 7 W.

40.00 Charred sycamore stake and charred $\frac{1}{4}$ sec. post in a mound of earth, from which the center of 4 pits bears north 10 lks., south 10 lks., East 10 lks., West 10 lks., Planted 4 olive seed.

80.00 Set charred post 6th. mile post in a quadrangular mound of stone 6 ft. at the base and 3 ft. high to

T 1 N R 7 W S 31

T 1 N R 8 W S 36

T 1 S R 7 W S 6

T 1 S R 8 W S 1

Last mile moderately wavy 2nd light gravelly and much cut by rocky surface. Open prairie.

Surface too rocky for pits.

South boundary Tp 1 North, Range 8 West

Variation of the needle 13° 20' East

West 1st. mile on S. Edy. of T. 1 N., R. 8 W.

40.00 Charred sycamore stake and charred pine post in a mound of stone and earth, earth too rocky for pits mound 6 ft. at base, 3 ft. high.

45.00 To low scrub nearly N. & S.

80.00 Charred sycamore stake and charred pine post, corner to Sections 35 & 36 T. 1 N. R. 8 W., Secs. 1 & 2, T. 1 S., R. 8 W., from which the center of 4 pits bears N. 45° E. 11 lks., N. 45° W. 11 lks. S. 45° E., 11 lks., and S. 45° W. 11 lks.

NOTE: Surface too rocky and brushy for seed. None planted.

First 45 chains gravelly and rocky, 3d rate open prairie wavy.

Residue wavy 3rd and low rocky scrub no timber.

West 2nd mile on S.E. of T. 1 N., R. 8 W.

40.00 Charred stake and charred pine $\frac{1}{4}$ sec. post in a mound of earth and rock from which the center of 4 pits bear N. 10 lks. South 10 lks., East 10 lks., West 10 lks.

58.00 To stony brushy rocky bottom land.

Bluff about 10 ft. high low land overflows, scattering sycamore trees.

74.15 To branch 15 lks. wide, rapid current 8 ins. deep, rocky bottom, pure water course SW.

78.25 Rose bluff about 5 ft. high and leave low scrub to open prairie.

80.00 Set charred sycamore stake and charred pine post corner to Sections 34, 35, T. 1 N., R. 8 W., Secs. 2 & 3, T. 1 S., R. 8 W., from which bears Sycamore N. 6° 30' East 110 lks. 4 ins.

Alder S. 88° W. 213 lks. 7 in. dia.

Alder N. 89° W. 219 lks. 12 in. dia.

No other bearing convenient.

Last mile mostly poor wavy rocky scrub, with scattering sycamore and alder in the last $\frac{1}{4}$ mile.

West 3d. mile on south boundary of T. 1 N., R. 8 W.

- 2.30 Crossed Branch Rocky bottom swift current, pure water
10 lks. wide, course SW
- 40.00 Charred sycamore $\frac{1}{4}$ sec. post, from which bears
Sycamore N. 75° E. 250 lks. 6 ins. diam.
" S. 4° E. 173 " 5 " "
- 50.00 Set charred sycamore stake and charred post in a stone
mound corner to Sections 33 and 34 T. 1 N., R. 8 W.
Secs. 3 & 4, T. 1 S. R. 8 W. on a bed of rock, there
could be no pits dug, nor seed planted.
Last mile moderately wavy 3d rate.
Rocky and stony surface.
Light soil, prairie; no scrub with scattering sycamore.

Surveyed by Henry Washington, Deputy Surveyor,
Contract dated October 4, 1852.

Range 7 W. Fractional T. 1 North, Station Zero being
intersection of Range line 7 & 8 with Base line West of
San Bernardino

Commenced 29th December 1852.

- Zero. North 80.00
At 40 chs. erected $\frac{1}{4}$ S. mound of stone boulders post
&c.
- 1 North 80.00 Mound built of rock post &c.
 $\frac{1}{4}$ sec. erected of stone, post &c.
- 2 North 38.00 Mound of stone, earth &c. 38 chs. to
intersection with mountain where meander corner mound
was erected of earth post and charred stake.
Small sycamore from M.C. mound
South 41° 10' W. distance 4.83 chs. 9 ins. diam.

- S. 76° 40' E. 12.00 Meander cor. intersection of Range line 7 & 8 with mountains 7.50 chs. to brow of gully 50 ft. deep 9.50 chs. to brow, across gully.
- 1 N. 46° 40' E. 11.73
 - 2 N. 84° 00' E. 26.31
 - 3 S. 69° 30' E. 24.00 7.50 chs. to gully 12° to 2nd gully, 15 chs. to 3rd gully all averaging 60 feet deep
 - 4 N. 63° 46' E. 10.98
 - 5 N. 71° 30' E. 26.09
 - 6 S. 80° 45' E. 25.83 7.30 chs. to brow of canon 100 lks. perpendicular 14 chs. to creek 12 lks. wide, bold and running to south; 20 chs. to foot of bluff.
 - 7 N. 48° 15' E. 26.14
 - 8 N. 79° 15' E. 21.17
 - 9 S. 89° 45' E. 41.80 19 chs. to small gully, 25 chs. to depression in ground, 37.50 chs. to W. of canon 20 ft. deep
 - 10 N. 80° 45' E. 28.19 8.50 chs. to gully, 50 lks. wide, and 10 lks. deep
 - 11 S. 54° 35' E. 10.00 S. 19° 25' E. to Prodhommies house
 - 12 S. 64° 30' E. 35.50 Line descends slope 25 chs. to brow of bluff 26 chs. to foot of ditto 40 lks. deep, 34 chs. to foot of bluff cross canon
 - 13 N. 58° 15' E. 40.46 5.50 chs. to edge of stony bottom line ascends slope, few scattering sycamore about 400 feet above level of valley.
 - 14 N. 83° 00' E. 7.50
 - 15 S. 88° 50' E. 60.00 8 chs. to gully 14 chs. to gully, 32.50 chs. edge of bank 40 ft. perpendicular, 33.50 chs. to gully and run of Water, 39.25 chs. to 2d run

of water and gully 55.55 chs. to small
run of water

- 16 N. 68° 25' E. 27.00
17 N. 27° 10' E. 23.80
18 N. 6° 25' W. 72.39
19 S. 25° 10' E. 57.11 A tree in canon line runs along creek
bottom
20 S. 77° 20' E. 44.10 On edge of rocky bluff 40 chs. to dry
bed of creek 44 chs. 10 lks. to
meander corner of Range line 6 & 7
-

Surveyed by A. B. Grey, Deputy Surveyor,
Contract dated October 7th, 1852.

W. Boundary T. 1 N., R. 7 W., S.B.M.

From the corner to Secs. 19, 24, 25 and 30 on west
boundary of township which is a post set firmly in the
ground marked

T 1 N S 19 on north east

R. 7 W S 30 on south east

R 8 W S 25 on south west

S 24 on north west faces with 2 notches on south and 4
notches on north edges, and a mound of stone in good
order around post, I run north through Queamonga rancho
between Sections 19 and 24.

Variation 16° 26' East

Ascend over rolling land.

- 37.00 Enter hills bears east and west
38.00 After diligent search fail to find any trace of old west corner.
40.00 Set a post 3 ft. long, 3 ins. square, with marked stone
12 ins. in the ground for $\frac{1}{4}$ sec. corner marked $\frac{1}{4}$ S on
west face dug pits 18 x 18 x 12 ins., north and south
of post, 5 $\frac{1}{2}$ ft. distant and raised a mound of earth

1½ ft. high, 3½ ft. base around post.

62.20 Intersect north boundary of Cucamonga rancho at corner to fractional sections 19 and 24, previously rebuilt by me.

80.00 Set a granite stone 15 x 8 x 7 ins., 10 ins. in the ground for corner to Sections 13, 18, 19 and 24, marked with 3 notches on north and south edges; and raised a mound of stone alongside.

Pits impracticable.

Land rolling and hilly. Soil 1st and 2nd rate.

Dense undergrowth of chaparral.

North between Sections 13 and 18

Variation 14° 26' East

Ascend.

40.00 Set a granite stone 14 x 12 x 6 ins., 9 ins. in the ground for ¼ sec. corner, marked ¼ on west face and raised a mound of stone alongside.

Pits impracticable.

66.00 Top of ridge bears North 70° west and South 70° east and descend.

68.00 A small grove of timber bears 2.00 chains south

80.00 Set a granite stone 16 x 12 x 9 ins., 11 ins., in the ground for corner to Sections 7, 12, 13 and 18, marked with 4 notches on south and 2 notches on north edges; and raised a mound of stone alongside.

Pits impracticable.

Land mountainous. Soil 2d rate.

Dense undergrowth of chaparral.

North between Sections 7 and 12.

Variation 14° 26' East

Descend through brush

11.50 Enter timber bears east and west

- 12.00 Cross ravine course south 35° west and ascend.
- 21.00 Top of spur bears north east and southwest
Leave timber and descend.
- 40.00 Set a granite stone 16 x 14 x 8 ins., 11 ins. in the
ground for $\frac{1}{4}$ sec. corner marked $\frac{1}{4}$ on west face and raised
a mound of stone alongside.
Pits impracticable.
- 43.70 Cross stream 3 links wide in ravine course south 30° E.
and ascend.
- 50.00 Top of spur bears east and west and descend.
- 66.15 Cross stream 5 links wide, course south 40° east and
ascend.
- 80.00 Set a granite stone 15 x 12 x 12 ins., 10 ins. in the
ground for corner to Sections 1, 6, 7 and 12,
marked with 5 notches on south and 1 notch on north
edges; and raised a mound of stone alongside.
Pits impracticable.
Land mountainous. Soil 2d and 3rd rate.
Timber oak and dense undergrowth of chaparral.

North between Sections 1 and 6.

Variation 14° 26' East

Ascend.

- 40.00 Set a granite stone 14 x 14 x 7 ins., 9 ins. in the
ground for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ on west face and raised
a mound of stone alongside. Pits impracticable.
- 68.50 Top of ridge bears north 40° east and south 40° west
and descend.
- 80.00 Set a granite stone 20 x 18 x 7 ins., 15 ins. in the
ground for corner to townships 1 and 2 N., R. 7 and 8 W.
marked with 6 notches on each edge and raised a mound
of stone alongside. Pits impracticable.
Land mountainous. Soil 2d and 3rd rate.

Dense undergrowth of chaparral.

Surveyed by J. R. Glover, Deputy Surveyor,
Contract dated January 14th, 1884.

From the established corner to townships 1 and 2 north
ranges 8 and 9 west, I run

East on a random line bet. said tps. The variation
of my compass being $14^{\circ} 26'$ East, setting temporary half
mile and mile corners at each 40 and 80 chains and
find the township line to be 6 miles and 1.47 chains
long, and intersect east boundary of township at a
point 70 links north of corner to Tps. 1 and 2 North
ranges 7 and 8 west, which is a granite stone, etc. x x
The correction for the true line will therefore be
 $11 \frac{2}{3}$ links north and 1.47 chains east per mile.

Thence I run

North $89^{\circ} 55'$ West on a true line between Sections
1 and 36

Variation $14^{\circ} 26'$ East

Ascend.

- 35.50 Top of spur bears north and descend.
- 40.00 Set a sandstone $12 \times 10 \times 9$ ins., 7 ins. in the ground
for $\frac{1}{4}$ section corner marked $\frac{1}{4}$ on north face and raised
a mound of stone alongside.
- Pits impracticable.
- 50.50 Enter San Antonio canon, course south.
- 53.00 San Antonio Creek 12 links wide, course south.
- 60.00 Road bears north and south
- 62.50 Leave canon course south and ascend.
- 71.20 Gulch, 20 links wide, course south 20° west.
- 80.00 Set granite stone $14 \times 11 \times 7$ ins., 9 ins. in the
ground for corner to Sections 1, 2, 35 and 36, marked
with 5 notches on the west and 1 notch on the east
edges; and raised a mound of stone alongside.

Pits impracticable.

Land mountainous. Soil second rate.

Timber pine and oak in canon.

Dense undergrowth of chaparral.

North 89° 55' west between Sections 2 and 35.

Variation 14° 26' East

Ascend.

- 16.50 Top of spur bears southwest and descend.
- 36.50 Gulch, 30 lks. wide, course southwest and ascend.
- 40.00 Set sandstone 12 x 10 x 7 ins., 7 ins. in the ground for $\frac{1}{4}$ section corner, marked $\frac{1}{4}$ on north face and raised mound of stone alongside. Pits impracticable.
- 60.00 Top of spur bears southwest and descend.
- 80.00 Set sandstone 15 x 12 x 6 ins., 10 ins. in the ground for corner to Sections 2, 3, 34 and 35, marked with 4 notches on the west and 2 notches on the east edges; and raised a mound of stone alongside.

Pits impracticable.

Land mountainous. Soil second rate. Timber pine and oak in the ravines. Dense undergrowth of chaparral.

February 13, 1884.

North 89° 55' west between Sections 3 and 34.

Variation 14° 26' East.

Descend.

- 20.50 San Dimas Creek 9 links wide, course south and ascend.
- 40.00 Set sandstone 15 x 11 x 9 ins., 10 ins. in the ground for $\frac{1}{4}$ section corner, marked $\frac{1}{4}$ on North face and raised a mound of stone alongside. Pits impracticable.
- 80.00 Set a granite stone 13 x 9 x 8 ins., 8 ins. in the ground for corner to Sections 3, 4, 33 and 34, marked with 3 notches on east and west edges; and raised a mound of stone alongside. Pits impracticable.

Land mountainous. Soil third rate.

Timber pine and oak in ravines.

Dense undergrowth of chaparral.

Surveyed by G.W. Pearson, Deputy Surveyor,
Contract dated December 10, 1883.

T. 1 N., R. 8 W., S.B.M.

Subdivision commenced April 15, 1865.

Subdivision completed April 15, 1865.

Having determined the proper adjustment of my compass to be a variation of 14° east from corner to Sections 35 and 36, on south boundary of township, I run North between Sections 35 and 36

Variation 14° East

40.00 Set a brown sand stone 18 x 10 x 10 on the left bank of the San Antonio arroyo for quarter section corner marked as per instructions

80.00 Set a granite rock 24 x 14 x 12 for corner to Sections 25, 26, 35 and 36, marked as per instructions.

Land sloping south. Soil second rate, covered with sage-brush and chaparral.

East between Sections 25 and 36.

Variation 14° East.

40.00 Set a granite rock 24 x 12 x 10 for quarter section corner, marked as per instructions.

58.00 To intersection of west boundary of "Cocumunga" rancho and set post in mound of rock 11.64 chs. south of station number 3 of same, marked as per instructions.

North between Sections 25 and 26

Variation 14° East

11.64 To intersection with a line of the "Cocumunga" rancho south boundary 26 chs. E. from Station number 4 and set

post in mound of rocks marked as per instructions.
It being impracticable to run north between sections
22 and 23 on account of a mountain, I run
North between Sections 34 and 35

Variation 14° East

- 40.00 Set a granite rock 16 x 10 x 8 for quarter section
corner marked as per instructions.
- 76.50 Cross road course NE
- 80.00 Set a granite rock 24 x 10 x 5 for corner to Sections
26, 27, 34 and 35, marked as per instructions.
Land same as last mile.

East on random between Sections 26 and 35

Variation 14° east

- 2.50 Cross road course north
- 40.00 Set a granite rock for temporary quarter section corner.
- 43.50 To dry bed of San Antonio creek course south
- 44.00 Across San Antonio Creek 10 links wide, course south.
- 50.00 Leave dry bed of creek.
- 80.00 Intersect N. and S. line 20 links north of corner to
Sections 25, 26, 35 and 36, from which I run
N. 89° 51' W. on true line between Sections 26 and 35

Variation 14° East

- 40.00 Set a granite rock 14 x 10 x 8 for quarter section
corner marked as per instructions.
- 80.00 To corner to Sections 26, 27, 34 and 35.
Land sloping south.
Soil second rate but rocky.

North between Sections 26 and 27.

Variation 14° East

- 40.00 Set a rock 28 x 18 x 12 for quarter section corner
marked as per instructions.
- 65.00 Cross dry arroyo 5 chs. wide SE
- 80.00 Set a granite rock 14 x 8 x 11 for corner to Sections

22, 23, 26 and 27, at south base of mountain.

Land same as last mile.

East on true line between Sections 23 and 26.

Variation 14° East

- 40.00 Set rock 18 x 12 x 10 for quarter section corner,
marked as per instructions.
- 52.00 Cross road to San Antonio Canon course NE
- 73.00 Intersect west boundary "Quocomunga" Rancho 11 chs.
S. $14\frac{1}{2}^{\circ}$ W. of Station number 5.
- Set rock 16 x 12 x 8 marked as per instructions.
- Land same as last mile.

April 21, 1865.

North between Sections 33 and 34.

Variation 14° East

- 40.00 Set a rock 18 x 10 x 8 for quarter section corner
- 80.00 To base of mountain and set a rock 18 x 10 x 8 on south
side of dry arroyo 1 ch. wide, course SW. for corner
to Sections 27, 28, 33 and 34 from which bears
a sycamore 10 in. dia. N. 77° E. dist. 90 links.
-

East on random line between Sections 27 and 34.

Variation 14° East

- 40.00 Set temporary quarter section post
- 80.20 Intersect N. and S. line 15 links north of corner to
Sections 26, 27, 34 and 35, from which I run
N. $89^{\circ} 54'$ W. on true line between Sections 27 and 34

Variation 14° East

- 40.10 Set post and charred stake in mound for quarter section
corner as per instructions.
- 80.20 To corner to Sections 27, 28, 33 and 34.
- Land undulating. Soil second rate.
-

Surveyed by Henry Hancock, Deputy Surveyor,
Contract dated March 7, 1865.

Tp. 1 N., R. 8 W., San Ber. Meridian.
 Subdivision lines Tp. 1 N., R. 8 W., San Ber. Meridian.

Being unable to find the cor. to Secs. 23, 24, 25 & 26
 I retraced the East line of Sec. 25 finding the

Var. 13° 30' E.

and began the survey at the cor. to Sec. 24 & 25 on
 E. boundary of Tp., thence
 West bet. Secs. 24 & 25

Var. 13° 30' E.

- 1.00 Ascend low knoll at south end
- 2.00 Top of knoll & level
- 15.00 Indian hut brs. N. 500 lks. dist.
- 18.00 Leave knoll & enter level plain.
- 20.00 Ravine 50 lks. wide, runs south.
- 28.60 Road, course N. & S.
- 39.50 " " " "
- 40.00 Set granite 10 x 14 x 4 six in above ground, for $\frac{1}{4}$ sec.
- 60.80 Sanga 4 lks. wide, runs S.
- 70.40 Road, course N. & S.
- 71.80 East bank of San Antonio creek wash runs south
- 80.00 Set granite 18 x 14 x 8 in dry creek bed 14 in. in
 ground for cor. to Secs. 23, 24, 25 & 26.
 Sycamore 4 in. dia. S. 44° E. 130 lks.
 " 12 " " N. 3° E. 225 "
 " 2 " " N. 25 W. 161 "
 " 4 " " S. 75 $\frac{1}{2}$ ° W. 250 "

Land E. 30 chs. 1st. rate, balance stony creek bed
 badly washed & rocky.

No timber except scat'ng. sycamore in the creek bed.

 North bet. Secs. 24 & 23.

Va. 13° 30' E.

- 31.53 Set granite 16 x 8 x 4 for cor. to fractional Secs. 23
 & 24, at intersection of line of Rancho Cucamonga,

stands N. 21° E. 447 lks. from Station 5 at the old dam.

31.70 Ditch 10 lks. wide, runs SW.
Ascend E. face of bluff.

40.00 Set a granite 20 x 12 x 6 as witness to $\frac{1}{4}$ sec. cor.
100 lks. E. of true cor. & foot of bluff on account of
the liability of the true point being washed away as it
comes in a steep badly washed hill side.

45.00 Foot hill, enter mouth of canon, course SE.

57.00 Creek 5 lks. wide, runs SE.

63.00 Ascend, point of ridge.

80.00 Set lime stone 16 x 16 x 10 on top of ridge & deposited
a charred stake 12 in. under ground for cor. to Secs.
13, 14, 23 & 24.
Land broken & rocky unfit for cultivation.
Timber scat'g. sycamore & alder in creek bed.

From mound at intersection of line bet. Secs. 23 & 24,
with course 5 of Rancho Cucamonga.

N. 21° E. along Rancho line and East Bdy. of fractional
Sec. 24.

Var. 13° 30' E.

9.08 Set granite 15 x 12 x 8 as per insts. for fractional
 $\frac{1}{4}$ sec. cor.

33.14 To post No. 6 of rancho survey.
Land stony dry creek bed.
Timber scat'g. sycamore.

East along Ranch line & S. bdy. of Fractional Sec. 24.

Var. 13° 30' E.

2.95 Large granite rock 8 ft. dia. in E. bank of San Antonio
Wash.

3.50 Valdez house brs. S. 59° E.

4.10 Stone fence, course N. & S.

7.70 Road, course N. & S.

10.00 Valdez house brs. S. 20° E.
 11.25 Sanga runs S.
 12.06 Stone fence, course N. & S.
 13.65 Stone fence " N. & S.
 23.60 Wash 20 lks. wide, runs S.
 24.00 To granite 15 x 10 x 8 at foot of steep hills marked
 as witness for fractional $\frac{1}{4}$ sec. cor.
 Land level, rich valley.

From corner to Secs. 13, 14, 23 & 24

East bet. Secs. 13 & 24

Descending.

Var. 13° 30' E.

11.00 Foot of hill and west bank of San Antonio valley
 enter dry wash
 14.50 Creek 6 lks. wide, runs south
 19.60 Ditch 6 lks. wide, " "
 20.20 East bank of dry wash & ditch 4 lks. wide, runs south
 21.30 Road, course N. & S.
 22.14 Stone fence course N. & S.
 22.65 Road, course N. & S.
 23.30 Fence " " " "
 25.20 Ditch 5 lks. wide, runs S. Kincaids house brs. N. dist.
 300 lks.
 36.00 Ascend.
 40.00 Set granite 15 x 12 x 4 five inches above ground in
 west slope of steep hill for $\frac{1}{4}$ sec. cor.
 Land W. $\frac{1}{2}$ broken & rocky balance 1st. rate.

Sept. 24th, 1874.

From cor. to Secs. 13, 14, 23 & 24

North bet. Secs. 13 & 14

Var. 13° 30' E.

3.00 Gully 20 lks. wide, runs SW

30.00 Descend, along E. slope of ridge.
 40.00 Set lime stone 18 x 10 x 10 six inches above mound
 for $\frac{1}{4}$ sec. cor.
 63.00 Ravine 50 lks. wide, runs E.
 80.00 Set lime stone 16 x 10 x 6, 6 in. above ground dep.
 charred stake for cor. to Secs. 11, 12, 13 & 14 in the
 East slope of high ridge.
 Land high brushy ridge. No timber.

 East bet. Secs. 12 & 13

Descending.

Var. 13° 30' E.

21.00 Foot of hill & San Antonio Canon.
 24.00 Creek 15 lks. wide, runs S.
 25.50 Ascend.
 26.00 Blk. oak 15 in. dia.
 40.00 Set oak stake 3 in. in dia. 4 ft. long in earth mound
 as per instructions for $\frac{1}{4}$ sec. cor.
 Land broken & unfit for cultivation.
 Timber oak & sycamore & alder in canon.

 From cor. to Secs. 22, 23, 26 & 27

East on random line bet. Secs. 23 & 26

Var. 13° 30' E.

3.00 Enter level plain.
 12.00 South of a small hill.
 40.00 Set temporary $\frac{1}{4}$ sec. cor.
 43.00 Road, course NE. & SW
 50.00 A house bns. S. dist. about 10.00 chs.
 64.00 Ditch 10 lks. wide, runs SW.
 73.00 West bank of San Antonio Wash.
 79.89 To cor. to Secs. 23, 24, 25 & 26 from which corner I
 run
 West on a true line bet. Secs. 23 & 26

Var. 13° 30' E.

- 8.60 Intersect Cucamonga line at a point S. $14\frac{1}{2}^{\circ}$ W. and 28.26
chs. from Station 5 at the old dam.
Set granite 15 x 12 x 5, 5 in. above ground for cor. of
fractional Secs. 23 & 26, and dep. charred stake.
- 39.94 Set granite 20 x 12 x 8 for $\frac{1}{4}$ sec. cor. 5 in. above
ground.
- 79.89 To cor. to Secs. 22, 23, 26 & 27.
Land level. Soil stony, 3rd rate. No timber.

North bet. Secs. 22 & 23.

Var. 13° 30' E.

- 10.00 Ravine 50 lks. wide, runs SE.
- 19.00 Top of low ridge, course E. & W.
Sent flagman ahead across deep ravine & measured for
triangulation W. 6.00 chs. from which point the flag
bears N. 14° E. dist. calculated 24.06 making the total
dist. to flag 43.06 from which point I run S. 3.06
chs. & at
- 40.00 Set granite 15 x 12 x 8 five inches above ground for
 $\frac{1}{4}$ sec. cor.
- 50.00 Top of high ridge running E. & W.
Thompsons house bears W. some 15.00 chs. dist. Sent
flagman ahead across deep canon & triangulated as
follows: measure E. 10.00 chs. from which point the
flag bears N. $18\frac{1}{4}^{\circ}$ W. dist. triangulated 30.33 from
which point I runs S. 33 lks. & set an oak post 4 in.
sq., 4 ft. long, dep. charred stake & raised earth
mound 24 in. high, dug pits 18 in. sq., 12 in. deep 6 ft.
from post for cor. to Secs. 14, 15, 22 & 23, also
drove oak stake 2 in. sq., 24 in. long into pit SE.
of cor. marked it like the true corner.
Land high hills unfit for cultivation.

Timber black oak & sycamore in the canons.

East on random line bet. Secs. 14 & 23.

Var. $13^{\circ} 30'$ E.

- 17.00 Head of timbered canon.
40.00 Set temp. $\frac{1}{4}$ sec. cor.
53.00 Canon 50 lks. wide, course NE. & a lime kiln brs. W.
about 20 chs. dist.
65.00 Creek 5 lks. wide, in timbered ravine 200 lks. wide
runs SE.
78.00 Gully 20 lks. wide, course SW.
80.20 Intersect the N. & S. line 20 lks. S. of cor. to Secs.
13, 14, 23 & 24, from which cor., I run
S. $89^{\circ} 51'$ W. on a true line bet. Secs. 14 & 23

Var. $13^{\circ} 30'$ E.

- 40.10 Set oak post 3 in. dia., 4 ft. long in earth mound on
top of a high ridge.
80.20 To cor. to Secs. 14, 15, 22 & 23.
Land rough hills unfit for cultivation in the SE. $\frac{1}{4}$
of the Secs. 14 a lead of black lead of inferior
quality is found.
Timber oak & sycamore in the ravine.

Sept. 25th, 1874.

North bet. Secs. 14 & 15.

Var. $13^{\circ} 30'$ E.

- 12.00 Top of high ridge running East, sent the flagman
ahead & triangulated across deep timbered ravine
as follows:
Measured East 6.50 chs. from which point the flag
brs. N. 20° W. making the distance triangulated 17.85
total distance
29.85 To the flag.
40.00 Set a lime stone 15 x 12 x 6 in. S. slope of ridge.

50.00 Top of ridge & descend.
 60.00 Sent flag ahead for triangulation across canon 200
 lks. wide, runs SE.
 Measured E. 4.00 chs. from which point flag brs. N. $14\frac{1}{2}^{\circ}$ W.
 distance triangulated 15.45 chs.
 75.45 Total distance to flag
 80.00 To a pine tree 24 in. dia. standing in E. face of mountain
 which I blazed & notched for cor. to Secs. 10, 11, 14,
 15.
 Land rough & broken unfit for cultivation.
 Timber oak in the ravines & some pine in the N.W.
 $\frac{1}{4}$ sec. 14.

 East on random line bet. Secs. 11 & 14

Var. $13^{\circ} 30'$ E.

15.00 Timbered ravine 100 lks. wide, runs S.
 30.00 Top of high ridge course S.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 41.00 Creek 4 lks. wide, in ravine 100 lks. wide, runs S.
 42.50 Gully 20 lks. wide, runs S.
 50.00 On point of ridge & triangulated as follows, set flag
 ahead & measured N. 8.50 chs. from which point the flag
 brs. S. 66° E. making the distance triangulated 19.09 chs.
 69.09 To the flag
 70.00 Top of high ridge, ascend.
 80.84 Intersect N. & S. line 35 lks. N. of cor. to Secs.
 11, 12, 13, 14, from which cor., I run
 Var. $13^{\circ} 30'$ E.
 N. $89^{\circ} 45'$ W. on a true line bet. Secs. 11 & 14
 40.42 To black oak 12 in. dia. which I marked for $\frac{1}{4}$ sec. cor.
 80.84 To cor. to Secs. 10, 11, 14 & 15.
 Land high & only valuable for the timber it affords
 & lime stone.

From cor. to Secs. 27, 28, 33 & 34.

North bet. Secs. 27 & 28.

Var. $13^{\circ} 30'$ E.

- 17.00 Ravine 100 lks. wide, runs SE.
40.00 Set oak post 3 in. dia., 4 ft. long in stone mound on top of ridge, running E.
64.00 Ravine 100 lks. wide, runs E.
80.00 Set granite 15 x 12 x 8, 5 in. above ground on E. face of hill for cor. to Secs. 21, 22, 27, 28.
Land broken hills unfit for cultivation.
Timber scat'g. sycamore in the ravines.

East on random line bet. Secs. 22 & 27

Var. $13^{\circ} 30'$ E.

- 10.00 Sent flag ahead & triangulated as follows:
Measure S. 6.00 chs. from which point the flag brs.
N. $65^{\circ} \frac{1}{2}$ E. making the distance triangulated 13.33 chs.
23.33 to the flag.
29.00 Gulch, 40 lks. wide, runs S.
35.50 " 30 " " " "
40.00 Set temp. $\frac{1}{4}$ sec. cor. on low ridge.
50.00 Ravine 50 lks. wide, runs S.
53.25 Old mining ditch 3 lks. wide, course S.
55.00 Ravine 40 lks. wide, runs S.
64.00 Creek 4 lks. wide in canon 150 lks. wide runs S.
73.00 Road, course NW. & SE.
80.08 Intersect E. line of Sec. 27, 16 lks. S. of cor. to Secs. 22, 23, 26, 27, from which cor., I run S. $89^{\circ} 53'$ W. on a true line bet. Secs. 22 & 27

Var. $13^{\circ} 30'$ E.

- 40.04 Set granite 16 x 12 x 10 for $\frac{1}{4}$ sec. cor. on low hill
80.08 To cor. to Secs. 21, 22, 27, 28.
Land broken hills unfit for cultivation.
Timber scattering sycamore & alder in the ravines.

Placer gold has been discovered & worked in Sec. 27
and the entire country shows good indications of rich
mining.

Sept. 26th, 1874.

North bet. Secs. 21 & 22

Var. 13° 30' E.

- 7.00 Ravine 30 lks. wide, runs E.
24.00 Ravine 30 " " " NE.
40.00 Set granite 20x15x10, 5 ins. above ground for $\frac{1}{4}$ sec. cor.
44.00 Ravine 50 lks. wide, runs NE.
64.00 Timbered ravine 100 lks. wide, runs SE.
65.00 Marked oak tree 20 in. dia. as witness cor. to Secs.
15, 16, 21 & 22, at foot of bluff.

East on offset

Var. 13° 30' E.

- 10.00 To station.

North, ascending.

Var. 13° 30' E.

- 15.00 Set oak post 4 in. dia. in stone mound on S. slope
of high ridge.

Deposited charred stake as per insts. & marked post
for witness to cor. of Secs. 15, 16, 21 & 22.

Land broken & unfit for cultivation.

Timber scat'g. sycamore, & oak in the ravines.

East on true line bet. Secs. 15 & 22

- 17.00 Ravine 100 lks. wide, course SE.

Var. 13° 30' E.

- 30.00 Set oak post 3 ins. dia., 4 ft. long for $\frac{1}{4}$ sec. cor.
in a stone mound on S. slope of high ridge.

Country too rough to carry the line through

Land badly broken unfit for cultivation.

Timber oak in the ravines.

Surveyed by M. G. Wheeler, Deputy Surveyor,
Contract dated September 4, 1874.

T. 1 N., R. 8 W., S. B. M.

From the established corner to Sections 13, 14, 23 and 24, T. 1 N., Range 8 West, S.B.M. which is a limestone etc., I run

East on a random line between Sections 13 and 24, retracing 40 chains.

Variation 14° 26' East

40.00 After diligent search being unable to find old corner I set temporary $\frac{1}{4}$ section corner.

80.12 Intersect east boundary of township at 25 links north of corner to Sections 13, 18, 19 and 24.

which is a granite stone etc.,

Thence I run

North 89° 48' west on a true line between Sections 13 and 24, with same variation.

Ascending.

25.00 Top of ridge bears north and south and descend.

40.06 Set sandstone 16 x 5 x 4 ins. 11 ins. in the ground for $\frac{1}{4}$ section corner, marked $\frac{1}{4}$ on north face and raised mound of stone alongside. Pits impracticable.

44.00 Foot of ridge and enter San Antonio valley.

54.75 Water ditch 5 links wide, course south.

Kincaid's house bears north about 3 chains distant

56.70 Fence bears north and south

57.35 Road bears north and south

65.50 San Antonio creek 10 links wide, course south.

71.00 Leave San Antonio valley bears north and south at foot of hill and ascend.

80.12 The corner to Sections 13, 14, 23 and 24.

Land mountainous. Soil first and second rate.

Dense undergrowth of sage and chaparral.

Timber pine and oak in the ravine.

North between Sections 13 and 14.

Retracing.

Variation 14° 26' East

Descend.

40.00 After diligent search being unable to find old corner
I set a limestone 12 x 10 x 6 ins., 7 ins. in the ground
for $\frac{1}{4}$ section corner marked $\frac{1}{4}$ on west face and raised
a mound of stone alongside.

Pits impracticable.

48.00 Timbered ravine 60 links wide, course east and ascend.

65.00 Top of ridge bears east and west and descend.

80.00 After diligent search being unable to find old corner
I set a limestone 14 x 11 x 7 ins., 9 ins. in the ground
for corner to Sections 11, 12, 13 and 14, marked with
1 notch on the east and 4 notches on the south edges;
and raised a mound of stone alongside.

Pits impracticable.

Land mountains. Soil first and second rate.

Dense undergrowth of chaparral and sage brush.

Timber, pine and oak in ravines.

East on a random line between Sections 12 and 13

Retracing 40 chains.

Variation 14° 26' East

40.00 After diligent search being unable to find old corner
I set a temporary $\frac{1}{4}$ section corner.

80.00 Intersect east boundary of township at 18 links north
of the corner to Sections 7, 12, 13 and 18, which is a
granite stone 16 x 12 x 9 ins., firmly set in ground
and a mound of stone alongside,

Thence I run

North 89° 52' West on a true line between Sections 12 and 13, with same variation.

Descend.

- 9.50 Gulch, 30 links wide, course south 5° east about 40 ft. deep and ascend.
- 18.50 Top of spur bears south 5° east and descend.
- 29.50 Gulch, 20 links wide, course south 5° east and ascend.
- 40.00 Set sandstone 12 x 9 x 8 ins., 7 ins. in the ground for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ on north face and raised a mound of stone alongside. Pits impracticable.
- 43.00 Low point of spur bears south and descend.
- 50.59 Foot of spur and east bank of San Antonio canon, course south
- 54.00 Road bears north and south.
- 54.50 Water ditch 5 links wide, course south.
- 56.00 San Antonio creek 20 links wide, course south
- 59.00 Foot of hill and ascend.
- 80.00 The corner to Sections 11, 12, 13 and 14.
- Land, mountainous. Soil first and second rate.
- Timber pine and oak in ravines.
- Dense undergrowth of chaparral. brush.

North between Sections 11 and 12.

Variation 14° 26' East.

Descend along east slope of high ridge.

- 12.50 Gulch, 30 links wide, course south 35° east, about 50 ft. deep.
- 40.00 Set sandstone 15 x 12 x 10 ins., 13 ins. in the ground for $\frac{1}{4}$ section corner marked $\frac{1}{4}$ on west face and raised a mound of stone alongside.
- Pits impracticable.
- 42.50 Timbered ravine 100 links wide, course east about 80 ft. deep and ascend.
- 67.00 Top of spur bears east and descend.

80.00 Set limestone 18 x 9 x 8 ins., 13 ins. in the ground for corner to Sections 1, 2, 11 and 12, marked with 5 notches on south and 1 notch on east edges; and raised a mound of stone alongside.

Pits impracticable.

Land mountainous. Soil second rate.

Timber pine and oak in ravines.

Dense undergrowth of chaparral brush.

East on a random line between Sections 1 and 12.

Variation 14° 26' East

40.00 Set temporary $\frac{1}{4}$ section corner.

79.98 Intersect east boundary at $3\frac{1}{4}$ links north of the corner to Sections 1, 6, 7 and 12, which is a limestone 15 x 12 x 12 ins., firmly set in the ground marked with 1 notch on north and 5 notches on south edges; and raised a mound of stone alongside,

Thence I run

North 89° 45' west on a true line between Sections 1 and 12, with same variation.

Ascending.

25.00 Top of ridge bears north and south about 100 feet above section corner and descend.

39.99 Set sandstone 13 x 11 x 9 ins., 8 ins. in the ground for $\frac{1}{4}$ section corner marked $\frac{1}{2}$ on north face and raised a mound of stone alongside.

Pits impracticable.

49.50 The east bank of San Antonio canon, course south.

50.00 Water ditch 5 links wide, course south

50.60 Road bears north and south

51.20 San Antonio creek 12 lks. wide, course south

58.00 Leave San Antonio canon, course south and ascend.

79.98 The corner to Sections 1, 2, 11 and 12.

Land, mountainous. Soil, second rate.

Dense undergrowth of chaparral brush.

Timber, pine and oak in canon.

North on a random line between Sections 1 and 2

Variation 14° 26' East

- 40.00 Set temporary $\frac{1}{4}$ section corner.
- 80.34 Intersect north boundary of township at 34 links west of the corner to Sections 1, 2, 35 and 36,
Thence I run
South 0° 15' west on a true line between Sections 1 and 2 with same variation. Ascend.
- 18.00 Top of ridge bears northwest and southeast about 70 ft. above corner and descend.
- 37.00 Creek 4 links wide in timbered ravine 1.00 chain wide course south 50° east and ascend.
- 40.34 Set a limestone 16 x 10 x 7 ins., 11 ins. in the ground for $\frac{1}{4}$ section corner marked $\frac{1}{4}$ on west face and raised a mound of stone alongside. Pits impracticable.
- 50.00 Top of ridge bears east and west and descend.
- 67.00 Timbered ravine 1.00 chain wide, course south 79° east and ascend.
- 80.34 The corner to Sections 1, 2, 11 and 12.
Land mountainous. Soil, second rate.
Dense undergrowth of chaparral. Timber pine and oak in ravines.

From the established corner to Sections 13, 14, 23 and 24, I run

West on a random line between Sections 14 and 23.

Retracing.

Variation 14° 26' East.

- 40.00 After diligent search being unable to find old corner
^a
I set/temporary $\frac{1}{4}$ section corner.
- 79.96 Intersect north and south line at 32 links south of the corner to Sections 14, 15, 22 and 23, which is a part

of decayed post with remains of earth mound, I rebuild corner by setting a sandstone 14 x 11 x 9 ins., 9 ins. in the ground for corner to Sections 14, 15, 22 and 23, marked with 4 notches on the south and 2 notches on the east edges; dug pits 18 x 18 x 12 ins., in each section 5½ ft. distant and raised a mound of earth, 2 ft. high, 5 ft. base alongside.

Thence I run

South 89° 46' east on a true line between Sections 14 and 23 with same variation. Descend.

16.00 Head of timbered ravine 1.60 chains wide, course south 40° west about 50 ft. deep.

Thence over low hills.

39.98 Set sandstone 12 x 10 x 9 ins., 7 ins. in the ground for ¼ section corner marked ¼ on north face and raised a mound of stone alongside. Pits impracticable.

52.20 Canon 40 links wide, course southeast.

Lime kiln bears north about 18 chains distant.

66.00 Creek 4 links wide in timbered ravine 2.00 chains wide course southeast.

Road to lime kiln bears northwest and southeast and ascend.

79.96 The corner to Sections 13, 14, 23 and 24.

Land mountainous. Soil, first and second rate.

Dense undergrowth of chaparral brush.

Timber pine and oak in ravine.

North between Sections 14 and 15. Retracing.

Variation 14° 26' East

Ascending.

12.50 Top of high ridge bears east and west about 150 ft. above corner and descend.

23.60 Timbered ravine 1.50 chains wide, course north 60° east about 150 ft. deep and ascend.

- 40.00 After diligent search being unable to find old corner
I set a limestone 16 x 10 x 8 ins., 11 ins. in the
ground for $\frac{1}{4}$ section corner marked $\frac{1}{4}$ on the west face
and raised a mound of stone alongside.
Pits impracticable on the south slope of high ridge.
- 50.00 Top of ridge bears east and west and descend.
- 70.00 Timbered ravine 80 links wide, course east and ascend.
- 80.00 After diligent search being unable to find old corner
I set a sandstone 18 x 11 x 8 ins., 13 ins. in the
ground for corner to Sections 10, 11, 14 and 15, marked
with 4 notches on south and 2 notches on the east edges;
and raised a mound of stone alongside.
Pits impracticable on top of spur which bears southeast.
Land mountainous. Soil second rate.
Dense undergrowth of chaparral.
Timber pine and oak in the ravine.
-

East on a random line between Sections 11 and 14.

Retracing.

Variation $14^{\circ} 26'$ East.

- 40.00 After diligent search being unable to find old corner
I set a temporary $\frac{1}{4}$ section corner.
- 80.54 Intersect north and south line 48 links north of the
corner to Sections 11, 12, 13 and 14.
Thence I run
North $89^{\circ} 39'$ west on a true line between Sections 11
and 14 with same variation.
Ascend.
- 13.50 Top of ridge bears north and south about 100 ft. above
last section corner and descend.
- 37.50 Timbered ravine 60 links wide, course south 40° east
about 50 ft. deep and ascend.
- 40.27 Set sandstone 18 x 13 x 7 ins., 13 ins. in the ground
for $\frac{1}{4}$ section corner marked $\frac{1}{4}$ on north face and raised

mound of stone alongside. Pits impracticable.

49.00 Top of ridge bears north 10° west and south 10° east
and descend.

66.00 Creek 6 links wide in timbered ravine 1.00 chains wide
course south 10° east and ascend.

80.54 The corner to Sections 10, 11, 14 and 15.

Land mountainous. Soil second rate.

Dense undergrowth chaparral.

Timber pine and oak in the ravines.

February 15, 1884.

North between Sections 10 and 11.

Variation $14^{\circ} 26'$ East

Descend.

17.50 Timbered ravine 2.00 chains wide, course southeast
and ascend.

40.00 Set sandstone $14 \times 13 \times 6$ ins., 9 ins. in the ground
for $\frac{1}{4}$ section corner marked $\frac{1}{4}$ on west face and raised
a mound of stone alongside. Pits impracticable.

77.60 Top of ridge bears northwest and southeast and descend.

80.00 Set limestone $14 \times 13 \times 6$ ins., 9 ins. in the ground
for corner to Sections 2, 3, 10 and 11, marked with 5
notches on south and 2 notches on east edges; and
raised a mound of stone alongside. Pits impracticable.
Land, mountainous. Soil second rate.
Dense undergrowth of chaparral.
Timber pine and oak in ravines.

East on a random line between Sections 2 and 11

Variation $14^{\circ} 26'$ East

40.00 Set temporary $\frac{1}{4}$ section corner.

80.21 Intersect north and south line 40 links north of corner
to Sections 1, 2, 11 and 12.

Thence I run

North $89^{\circ} 43'$ west on a true line between Sections 2 and 11, with same variation.

Ascending.

- 19.50 Top of ridge bears northwest and southeast about 200 ft. above last section corner and descend.
- 33.00 Head of gulch 50 links wide, course south and ascend.
- 40.11 Set sandstone $13 \times 11 \times 7$ ins., 8 ins. in the ground for $\frac{1}{4}$ section corner marked $\frac{1}{4}$ on north face and raised a mound of stone alongside. Pits impracticable.
- 50.00 Top of ridge bears northeast and southwest and descend
- 62.50 Gulch, 30 links wide, course north 30° east and ascend
- 80.21 The corner to Sections 2, 3, 10 and 11.
- Land mountainous. Soil second rate. Dense undergrowth of Chaparral. Timber pine and oak in ravines.

North on a random line between Sections 2 and 3

Variation $14^{\circ} 26'$ East

- 40.00 Set temporary $\frac{1}{4}$ section corner.
- 80.31 Intersect north boundary of township at 18 links west of the corner to Sections 2, 3, 34 and 35
- Thence I run
- South $0^{\circ} 8'$ west on a true line between Sections 2 and 3 with same variation. Ascend.
- 21.20 Top of ridge bears northeast and southwest and descend.
- 40.31 Set sandstone $14 \times 11 \times 5$ ins., 9 ins. in the ground for $\frac{1}{4}$ section corner marked $\frac{1}{4}$ on west face and raised a mound of stone alongside. Pits impracticable.
- 69.00 Timbered ravine 1.00 chain wide, course east about 60 ft. deep and ascend.
- 80.31 The corner to Sections 2, 3, 10 and 11.
- Land mountainous. Soil third rate.
- Dense undergrowth of chaparral.
- Timber pine and oak in the ravines.
-

From the established corner to Sections 21, 22, 27 and 28, which is a decomposed granite stone 14 x 11 x 8 ins. firmly set in ground marked with 3 notches on the east and 2 notches on the south edges; with remains of old earth mound and signs of pits.

I rebuild corner by remarking stone and redug pits and rebuilt earth mound alongside.

Thence I run

North between Sections 21 and 22, retracing 65 chains

Variation 14°26' East

Descend.

- 7.00 Gulch 30 links wide, course east
- 23.50 Ravine 40 links wide, course northeast and ascend.
- 40.00 After diligent search being unable to find old corner I set a granite stone 16 x 11 x 5 ins., 11 ins. in the ground for $\frac{1}{4}$ section corner marked $\frac{1}{4}$ on west face and raised a mound of stone alongside.
- Pits impracticable.
- 46.00 Ravine 60 links wide, course northeast.
- 61.00 Timber ravine 1.50 chains wide, course southeast and ascend.
- 65.00 After diligent search being unable to find witness corner I continued the line north and at
- 73.00 Top of ridge bears north 30° west and south 30° east and descend.
- 80.00 Set granite stone 12 x 11 x 7 ins., 7 ins. in the ground for corner to Sections 15, 16, 21 and 22 marked with 3 notches on the south and east edges; and raised a mound of stone alongside. Pits impracticable.
- Land, mountainous. Soil second rate.
- Dense undergrowth of chaparral.
- Timber pine and oak in the ravines.
-

East on a random line between Sections 15 and 22

Variation $14^{\circ} 26'$ East

10.00 After diligent search being unable to find witness corner
I continued the line east and at

40.00 After diligent search being unable to find old corner
I set temporary $\frac{1}{4}$ section corner

80.12 Intersect north and south line at 33 links north of
corner to Sections 14, 15, 22 and 23.

Thence I run

North $89^{\circ} 46'$ west on a true line between Sections 15
and 22, with same variation.

Ascending.

10.00 Top of ridge bears north and south and descend.

28.00 Gulch, 50 links wide, course south 10° west about 50 ft.
deep and ascend.

38.00 Top of low ridge bears north and south and descend.

40.06 Set sandstone $12 \times 10 \times 8$ ins., 7 ins. in the ground
for $\frac{1}{4}$ section corner marked $\frac{1}{4}$ on north face and raised
a mound of stone alongside.

Pits impracticable.

63.00 Ravine 1.30 chains wide, course south 20° east and
ascend.

80.12 The corner to Sections 15, 16, 21 and 22.

Land mountainous. Soil, second rate.

Dense undergrowth of chaparral brush. Timber pine and
oak in the ravines.

North between Sections 15 and 16.

Variation $14^{\circ} 26'$ East

Descend.

28.50 Ravine 2.00 chains wide, course southeast and ascend.

40.00 Set granite stone $16 \times 12 \times 8$ ins., 11 ins. in the
ground for $\frac{1}{4}$ section corner, marked $\frac{1}{4}$ on the west face
and raised a mound alongside. Pits impracticable.

- 50.00 Top of divide bears east and west about 3.00 ft. above last section corner and descend.
- 69.00 East fork of Wolfskill creek 4 links wide, course south 80° west and ascend.
- 80.00 Set granite stone 13 x 11 x 7 ins., 8 ins. in the ground for corner to Sections 9, 10, 15 and 16, marked with 4 notches on south and 3 notches on the east edges; and raised a mound of stone alongside.
- Pits impracticable.
- Land mountainous. Soil second rate.
- Dense undergrowth of chaparral brush.
- Timber pine and oak in the ravines.
-

East on a random line between Sections 10 and 15

Variation 14° 26' East

- 40.00 Set a temporary $\frac{1}{4}$ section corner.
- 80.21 Intersect north and south line ~~line~~ at 33 links north of corner to Sections 10, 11, 14 and 15.
- Thence I run
- North 89° 46' west on a true line between Sections 10 and 15, with same variation.
- Ascend.
- 40.11 Set granite stone 12 x 10 x 8 ins., 7 ins. in the ground for $\frac{1}{4}$ section corner marked $\frac{1}{4}$ on north face and raised a mound of stone alongside.
- Pits impracticable.
- 46.50 Summit of divide bears north and south and descend.
- 65.00 East fork of Wolfskill creek 4 links wide, course south 20° west in timbered ravine 2.00 chains wide course south 20° west and ascend.
- 80.21 The corner to Sections 9, 10, 15 and 16.
- Land mountainous. Soil second rate.
- Dense undergrowth of chaparral brush.

Timber pine and oak in ravine.

February 16, 1884.

North between Sections 9 and 10.

Variation $14^{\circ}26'$ East.

Ascend.

- 31.00 Top of spur bears south 60° west and descend.
40.00 Set limestone $15 \times 13 \times 7$ ins., 10 ins. in the ground
for $\frac{1}{4}$ section corner marked $\frac{1}{4}$ on the west face and
raised a mound of stone alongside.

Pits impracticable.

- 47.50 Wolfskill creek 8 links wide, course southwest in
timbered ravine 2.50 chains wide, course southwest
and ascend.

- 50.00 Set sandstone $15 \times 15 \times 11$ ins., 13 ins. in the
ground for corner to Sections 3, 4, 9 and 10, marked
with 5 notches on the south and 3 notches on the east
edges; and raised a mound of stone alongside.

Pits impracticable.

Land, mountainous. Soil, second rate.

Dense undergrowth of chaparral brush.

Timber pine and oak in ravine.

East on a random line between Sections 3 and 10

Variation $14^{\circ}26'$ East

- 40.00 Set a temporary $\frac{1}{4}$ section corner.
79.90 Intersect north and south line 20 links north of the
corner to Sections 2, 3, 10 and 11.

Thence I run.

North $89^{\circ}51'$ west on a true line between Sections 3
and 10, with same variation.

Ascending.

- 31.50 Summit of divide bears north 10° east and south 10° west
and descend.
39.95 Set granite stone $13 \times 11 \times 6$ ins., 8 ins. in the

ground for $\frac{1}{4}$ section corner, marked $\frac{1}{4}$ on north face
and raised a mound of stone alongside.

Pits impracticable.

69.00 Wolfskill Creek, 8 links wide, course south in timbered
ravine 2.80 chains wide, course south about 100 ft.
deep and ascend.

79.90 The corner to Sections 3, 4, 9 and 10.

Land, mountainous.

Soil, second rate.

Dense undergrowth of chaparral brush. Timber pine and
oak in the ravine.

North on a random line between Sections 3 and 4

Variation $14^{\circ} 26'$ East

40.00 Set temporary $\frac{1}{4}$ section corner

79.94 Intersect north boundary of township at 12 links east
of the corner to Sections 3, 4, 33 and 34.

Thence I run

South $0^{\circ} 5'$ east on a true line between Sections 3 and 4
with same variation.

Descend.

21.00 Foot of high ridge and north bank of San Dimas Canon
course west

22.50 San Dimas creek 9 links wide, course west.

30.00 South bank of San Dimas canon, course west and ascend.

39.94 Set granite stone $14 \times 10 \times 6$ ins., 9 ins. in the
ground for $\frac{1}{4}$ section corner marked $\frac{1}{4}$ on west face and
raised a mound of stone alongside.

Pits impracticable, at foot of high ridge bears north-
east and southwest and ascend.

60.50 Top of high ridge bears northeast and southwest, about
200 ft. above section corner and descend.

79.94 The corner to Sections 3, 4, 9 and 10.

Land mountainous. Soil second rate.

Dense undergrowth of chaparral.

Timber pine and oak.

Surveyed by G. W. Pearson, Deputy Surveyor,
Contract dated December 10, 1883.

Boundary lines of San Gabriel Forest Reservation
through T. 1 N., R. 8 W., S.B.M.

North 89° 33' west on a random line between Sections
7 and 18 (T. 1 N., R. 7 W.)

x x x x x

81.53 After diligent search failing to find any trace of
old corner to Sections 7, 12, 13 and 18 on west
boundary of township 1 north, range 7 west, I set
temporary section corner.

I now proceed to corner to Sections 13, 18, 19 and 24,
on range line between T. 1 N., Rs. 7 and 8 W., which
is a granite stone, 5 x 8 x 7 inches above ground
marked and witnessed as described by the surveyor
general which I destroyed.

To mark corner No. 8 on boundary of San Gabriel Forest
Reservation, at this point I set a square, hollow, iron
post, filled with cement, etc., 3 feet long, the sides
4 inches wide at the top increasing to 12 inches wide
at the bottom, 12 inches in the ground, marked

T 1 N S 18 on northeast
R 7 W S 19 on southeast
R 8 W S 24 on southwest
S.G.F.R. 8 S. 13 on northwest faces, and dug pits

36 x 36 x 12 inches north and west of post, 4 feet
distant and raised an earth mound, 1 foot high, 5 feet
base around post.

Thence I run

North on a random line between Sections 13 and 18

40.03 To a point 8 links east of old quarter section corner
where I found a stone mound but no other trace of

of corner; to reestablish same I set a granite stone 21 x 10 x 10 inches, 16 inches in the ground, marked $\frac{1}{4}$ S G F R on west face and destroying old mound raised a stone mound, $2\frac{1}{2}$ feet base, $1\frac{1}{2}$ feet high, west of corner. Pits impracticable.

Thence I run

South $0^{\circ} 07'$ East on a true line between Sections 13 and 18.

Descend.

36.03 To east bank of gulch and along same.

40.03 The corner to Sections 13, 18, 19 and 24.

From the quarter section corner, I continued north

40.01 To a point, 4 links east of temporary corner to Sections 7, 12, 13 and 18, I therefore conclude that this is the proper point for corner and to establish same, mark an alder tree, 12 inches dia.

T 1 N S 7 on northeast
R 7 W S 18 on southeast
R 8 W S 13 S G F R on southwest and
S 12 on northwest sides, with 4 notches on

south and 2 notches on north sides; from which bears
An alder 10 inches dia. south 23° east 47 links distant,
marked T 1 N R 7 W S 18 E T

No other tree within limits; dug pits 18 x 18 x 12 inches in Section 7, 12 and 13, 5 feet distant and raised a mound of earth, around tree.

It being impossible to bring iron post for corner No. 7 on boundary of San Gabriel Forest Reservation to this point, on account of the rough, precipitous character of the land, I run

South $0^{\circ} 03'$ east on a true line between Sections 13 and 18. Ascend.

24.54 Top of ridge 400 feet above section corner, bears north 50° west and south 50° east. Descend.

38.00 Set a square hollow iron post filled with cement, 3 feet long, the sides 4 inches wide at the top, increasing to 12 inches wide at the bottom, 12 inches in the ground, marked

T 1 N 8 7 on northeast

R 7 W 8 18 on southeast

R 8 W 8 13 on southwest and

S G F R 7 8 12 on northwest faces for witness corner to corner No. 7 on boundary of Reservation dug pits 36 x 36 x 12 inches, east and west of post, 4 feet distant and raised a mound of earth, 1 foot high 5 feet base, around post, alongside which I set a sycamore post, 3 feet long, 3 inches square, 12 inches in the ground, marked W G 38.00 chains south $0^{\circ}03'$ east from true point for 7 mile corner

40.01 To quarter section corner.

Land mountainous. Soil third rate.

Dense undergrowth of chaparral and buckthorn.

Mountainous land 80.04 chains.

From the corner to Sections 7, 12, 13 and 18, just re-established I run

South $89^{\circ} 33'$ East on a true line between Sections 7 and 18. Ascend.

11.50 Top of spur 300 feet above section corner, bears north and south. Descend.

22.50 Ravine, 10 links wide, 500 feet below top of spur course northwest. Ascend.

31.00 Top of ridge 600 feet above ravine, bears north 20° west and south 20° east. Descend.

41.53 Set a granite stone 20 x 10 x 8 inches, 15 inches in the ground for quarter section corner, marked $\frac{1}{4}$ S G F R on north face and raised a mound of stone, $1\frac{1}{2}$ feet high, 2 feet base west of corner. Pits impracticable.

81.53 The corner to Sections 7, 8, 17 and 18.
Land mountainous. Soil third rate.
Dense undergrowth of chaparral and buckthorn.
Mountainous land 81.53 chains.

August 29, 1896.

Bdy. line of San Gabriel Forest Reservation through
T. 1 N., R. 8 W., S.B.M.

x x x x

From corner to Sections 13, 18, 19 and 24, on range
line, between Tps. 1 N., Rs. 7 and 8 W., previously
described, I run

North 89° 48' west on a random line between Sections
13 and 24

40.03 To a point, 5 links north of quarter section corner
which is a sandstone 5 x 5 x 4 inches above ground
the marks nearly obliterated and the stone mound de-
stroyed I remark stone $\frac{1}{4}$ S G F R on north face, and
rebuild stone mound, $1\frac{1}{2}$ ft. high, 2 feet base
Thence I run
South 89° 52' east on a true line between Sections 13
and 24
Ascend.

14.53 Top of ridge 300 feet above quarter section corner
bears north and south
Descend.

28.98 Gulch, 10 links wide, 350 feet below top of ridge
course south. Ascend.

32.78 Top of spur 100 feet above gulch, bears north and
south. Descend.

40.03 The corner to Sections 13, 18, 19 and 24.
From the quarter section corner, I continue
North 89° 48' west

40.07 To a point 5 links north of corner to Sections 13, 14

23 and 24, which is a limestone 16 x 10 x 5 inches above the ground, marked as described by the surveyor general with pits which I redug 18 x 18 x 12 inches, 5½ feet distant in each section and an earth mound, which I rebuilt, 4 feet base, 2 feet high, I mark stone S G F R on north face; thence South 89° 52' east on a true line between Sections 13 and 24. Descend.

- 9.10 Enter San Antonio canon, 150 ft. below sec.cor. course S.
- 14.60 San Antonio creek, 20 links wide, 400 feet below section corner, course south.
- 23.60 Road, bears north and south
- 25.10 Enter Kincaid's orchard, bears north and south
- 26.10 Kincaid's house bears north 2 chs. dists.
- 31.10 Leave same orchard, bears north and south
- 35.60 Leave San Antonio canon, bears north and south and ascend steep ridge.
- 40.07 The quarter section corner.
Land mountainous. Soil third rate.
Dense undergrowth of chaparral and sage brush 53.50 chains. Mountainous land 80.10 chains.

Through T. 1 N., R. 8 W., S. B. M.

From the corner to Sections 13, 14, 23 and 24, I run North 89° 46' west on a random line between Sections 14 and 23.

- 40.00 After diligent search, failing to find any trace of quarter section corner, I set temporary quarter section corner and continue north 89° 46' west.
- 79.96 To a point 2 links north of corner to Sections 14, 15, 22 and 23 which is a sandstone 5 x 9 x 11 inches above the ground, the marks nearly obliterated and the pits and mound in bad condition, I remarked stone, with 4 notches on south and 2 notches on east edges; redug pits 18 x 18 x 12 inches in each section, 5½ feet distant

and rebuilt earth mound 2 feet high, 5 feet base along-side. I also marked stone S.G.F.R. on north face

Thence I run

South $89^{\circ} 45'$ east on a true line between Sections 14 and 23.

Ascend.

- 29.96 Top of spur 500 feet above section corner, bears north 20° west and south 20° east and descend.

The true point for quarter section corner falling on nearly perpendicular wash, not suitable place to mark at

- 35.76 Which is 4.22 chains north $89^{\circ} 45'$ west from true point I set a granite stone 20 x 10 x 3 inches, 15 inches in the ground for witness corner to quarter section corner marked W C $\frac{1}{4}$ S G F R on north face, and raised a mound of stone, 2 feet base, $1\frac{1}{2}$ feet high north of corner.

Pits impracticable.

- 76.96 Ravine, 10 links wide, 600 feet below top of spur, bears south 10° east. Ascend.

- 79.96 The corner to sections 13, 14, 23 and 24 on top of spur, 100 feet above ravine, bears north and south.

Land mountainous. Soil third rate.

Dense undergrowth of chaparral and buckthorn.

Mountainous land 79.96 chains.

From the corner to Sections 14, 15, 22 and 23, I run North $89^{\circ} 46'$ west on a random line between Sections 15 and 22.

- 40.21 To a point 12 links north of quarter section corner which is a sandstone 5 x 8 x 10 inches, above the ground marked and witnessed as described by the surveyor general. I further marked stone S G F R on north face
Thence I run

South $89^{\circ} 56'$ east on a true line between Sections 15 and 22.

Ascend.

- 7.15 Top of spur 200 feet above quarter section corner, bears north 10° east and south 10° west

Descend.

- 35.71 Ravine, 10 links wide, 350 feet below top of spur course south 10° west. Ascend.

- 40.21 The corner to Sections 14, 15, 22 and 23.
From the quarter section corner, I continue north $89^{\circ} 46'$ west

- 39.99 To a point 10 links north of corner to Sections 15, 16, 21 & 22, which is a granite stone 5 x 7 x 11 inches, above the ground, the marks nearly gone and the mound partly destroyed. I remark stone, with 3 notches on south and east edges; S.G.F.R. on north face and rebuilt stone mound 3 feet base, $1\frac{1}{2}$ feet high.

Owing to the mountainous character of the land and the great weight of the iron post, I find it impossible to set corner No. 9 on boundary of San Gabriel Forest Reservation, at this point. I run South $89^{\circ} 48'$ west 40.00 chains and set a square, hollow, iron post, filled with cement, 3 feet long, the sides 4 inches wide at the top, increasing to 12 inches wide at the bottom 12 inches in the ground, marked

T 1 N S 15 on northeast

R 8 W S 22 on southeast

S 21 on southwest and

S G F R 9 S 16 on northwest faces; dug pits 36 x 36 x 12 inches, north and south of post 4 feet distant and raised a mound of earth, 1 foot high, 5 feet base around post, for witness corner to corner No. 9 on Reservation Boundary alongside which I set a sycamore post, 3 feet long, 3 inches square, 12 inches in the

ground marked W C 40.00 chs. for further mark of this witness corner.

From the corner to Sections 15, 16, 21 and 22, I run South $89^{\circ} 55'$ east on a true line between Sections 15 and 22. Descend.

7.20 Ravine 10 links wide, 250 feet below section corner, course south 5° east.

Ascend.

39.99 The quarter section corner.

Land mountainous. Soil third rate.

Dense undergrowth of chaparral and buckthorn.

Mountainous land 80.20 chains.

August 31, 1896.

Surveyed by Lewis H. Cutting, Deputy Surveyor,

Contract dated January 24, 1896.